

## MAKE YOUR PERIODIC TABLE LAB

Mr. Tima DSHS (Converted from Mr. Kalix)

NAME: \_\_\_\_\_

**Find, Color In, and Label** these sets of elements and their categories.

*(You may chose any method to show this break up you want. Ex/ making colored borders or shading)*

**BE CAREFUL AND PLAN YOUR WAY BEFORE YOU START TO COLOR!**

1. Alkali Metals
2. Alkaline Earth Metals
3. Main Family #3 (The Boron Family)
4. Main Family #4 (The Carbon Family)
5. Main Family #5 (The Nitrogen Family)
6. Calcogens
7. Halogens
8. Noble Gases
9. The Transition Elements
10. Lanthanides
11. Actinides
12. Inner Transition Metals (Commonly Known as the Rare Earth Metals)
13. Metal-Nonmetal Boundary (Commonly Known as the Staircase)
14. The Representative Elements (Main)
15. Metalloids
16. Non-Metals
17. Metals
18. Gases at 25°C (Hint: 25°C = at room Temperature)
19. Liquids at 25°C (Hint: 25°C = at room Temperature)
20. Number the PERIODS (1-7)
21. Number the GROUPS (1-18)
22. Number the REPRESENTATIVE (Main) FAMILIES (1-8 with Roman numerals) Ex/ I, II, III, IV, etc.

**WARNING:**

*Some Elements and/or Categories will OVERLAP!*

**Example:**

*The Alkali Metals are its own group/family and are also a metal.*